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(71) Applicant *(for all designated States except US)*: **T-MOBILE DEUTSCHLAND GMBH** [DE/DE]; Landgrabenweg 151, 53227 Bonn (DE).

(72) Inventors; and

(75) Inventors/Applicants *(for US only)*: **BEMMER, René** [DE/DE]; Klufterstrasse 8, 53175 Bonn (DE). **BRITSCH, Matthias** [DE/DE]; Steinweg 4a, 53639 Thomasberg (DE).

(74) Agent: **RIEBLING, Peter**; Postfach 31 60, 88113 Lindau/B. (DE).

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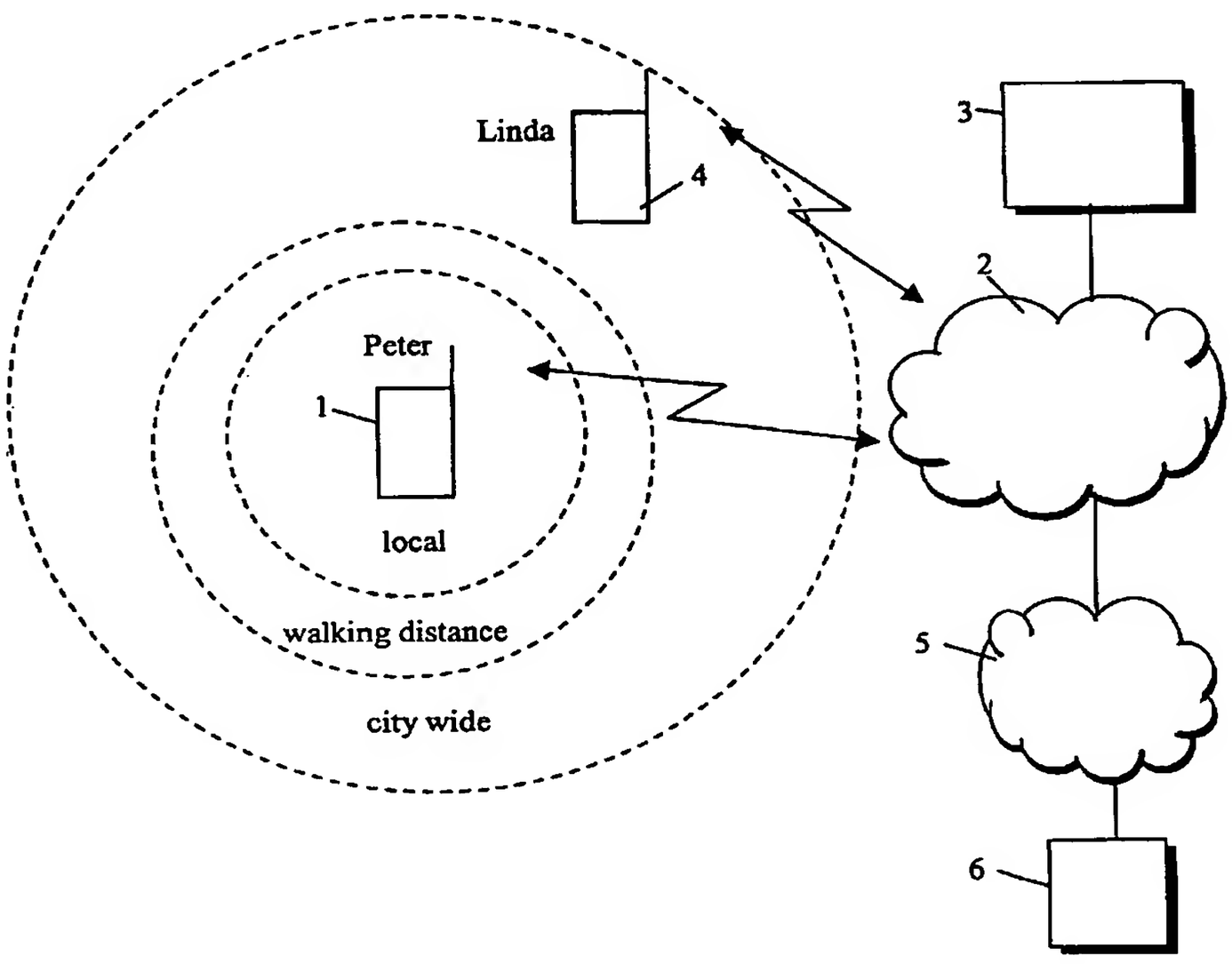
(54) Title: INTERNET PROTOCOL BASED MULTIMEDIA SYSTEM (IMS)



(57) Abstract: The present invention relates to an Internet protocol based multimedia system characterized by combining means for location information with media components during information exchange between a communication center (3) and peripheral units (1), and a procedure for information exchange using the components of such an Internet protocol based multimedia system.

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AMENDED CLAIMS

[Received by the International Bureau on 21 May 2004 (21.05.04):
Original claims 1- 20 replaced by amended claims 1-18]

1. Internet protocol based multimedia system which combines means for location information with media components during information (7) exchange between a communication center (3) and peripheral units (1, 4), wherein the means for location information and the media components are part of at least a mobile communications network (2), and the communication center (3) providing a transmission of messages (7) via a mobile community service.

2. Internet protocol based multimedia system according to claim 1, characterized in that the information (7) includes either a text message, a voice messages, a picture message or a video message, or a combination thereof.

3. Procedure for information exchange using the components of an Internet protocol based multimedia system according to claim 1or 2, wherein the information exchange includes a transmission of messages (7) via a mobile community service which allows the subscriber to advertise his mobile handset for approach of interested people within a certain range around the subscribers current location by sending them a message of a chosen media type and vice versa, that means receiving a set of chosen media types from people within a certain range.

4. Procedure according to claim 3, characterized in that the mobile community service is accessible through an application menu operated in a terminal device (1, 4) of an user of the mobile communication network (2).

5. Procedure according to claims 3 or 4, characterized in that the mobile community service comprises an active mode wherein the subscriber can become active and send messages (7) to mobile devices (4) of other users,

and an inactive mode in which he receives other community members messages only.

6. Procedure according to claim 5, characterized in that in both modes the preferred name and media type of the messages (7) can be specified.

7. Procedure according to claims 5 or 6, characterized in that in the active mode the user can specify the media type and the special content of the message to be sent to other users.

8. Procedure according to claims 3 to 7, characterized in that the messages can be recorded directly by using the user's mobile terminal capabilities

9. Procedure according to claim 3 t o 8, characterized in that the messages can be chosen from a set of pre-recorded contents.

10. Procedure according to claim 9, characterized in that the contents can be predefined and stored under a personal account via a web interface.

11. Procedure according to claim 9 or 10, characterized in that the stored contents are offered on a selection menu automatically to the subscriber if the active mode is selected.

12. Procedure according to claim 3 to 11, characterized in that web access to the Internet (5) is provided to all the users.

13. Procedure according to claim 3 to 12, characterized in that the users can create content at a Personal Computer (6) and store it for later selection via the mobiles menu, where the pre-recorded content is shown up automatically when the mobile terminal community service module is activated.

14. Procedure according to claims 3 to 13, characterized in that the user can specify the region in which messages (7) can be sent and/or received.

15. Procedure according to claim 3 to 14, characterized in that the region in which the message (7) shall be distributed is specified by different distribution classes, including the classes "local", "walking distance" and "city wide".

16. Procedure according to claim 15, characterized in that the distribution class "local" covers approximately the size of a radio cell and / or the neighboring cells, the distribution class "walking distance" covers the region within a walking distance, and the distribution class "city wide" covers a region in the borders of a city.

17. Procedure according to claim 3 to 16, characterized in that the messages (7) are differentiated according to contact aims, such as personal contact or conversational contact only.

18. Procedure according to claim 3 to 17, characterized in that the messages (7) includes details of personal interests such as hobbies or planned activities.